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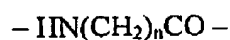
In the claims:

1. (Currently Amended) A polyamide composition consisting essentially of a slow crystallizing blend of (i) an aliphatic, crystallizable polyamide homopolymer, polyamide copolymer or polyamide nanocomposite; (ii) a crystallizable polyamide having a repeating unit structure which ~~comprises~~ consists essentially of either I)  $-\text{HN}(\text{CH}_2)_n\text{Ar}(\text{CH}_2)_n\text{NHCO-Z-CO}-$ ; or III)  $-\text{HN}(\text{CH}_2)_n\text{ArCO}-$ ; or a combination thereof; wherein  $n = 1$  to  $3$ ; wherein Ar = an arylene group; and wherein Z = an alkylene group of  $\text{C}_4$  to  $\text{C}_8$  or an arylene group of  $\text{C}_6$  to  $\text{C}_{14}$ ; or ~~comprises~~ consists essentially of II) PA-poly(hexamethylene terephthalamide)/poly(hexamethylene adipamide) copolymer, PA-poly(hexamethylene terephthalamide)/polycaprolactam copolymer or PA-caprolactam-naphthalene dicarboxylic acid copolyamide/poly(hexamethylene adipamide) copolymer; and (iii) a semi-aromatic, amorphous polyamide.
2. (Withdrawn and Currently Amended) The composition of claim 1 wherein (i) comprises a polyamide ~~nanoclay~~nanocomposite.
3. (Withdrawn and Currently Amended) The composition of claim 2 wherein said ~~nanoclay~~nanocomposite comprises montmorillonite.
4. (Original) The composition of claim 1 wherein said aliphatic, crystallizable polyamide homopolymer or polyamide copolymer comprises an aliphatic, crystallizable polyamide having a backbone structure of



wherein  $n = 4$  to 10.

5. (Withdrawn and Currently Amended) The composition of claim 1 wherein said aliphatic, crystallizable polyamide homopolymer or polyamide copolymer comprises an aliphatic, crystallizable polyamide nanocomposite having a polyamide backbone structure of



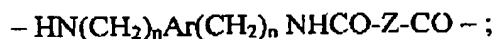
wherein  $n = 4$  to 10 and wherein said nanocomposite comprises an exfoliated, platelet-type nanoclay nanocomposite.

6. (Withdrawn and Currently Amended) The composition of claim 5 wherein said nanocomposite comprises from more than 0 % to about 10 % by weight of said nanoclay nanocomposite.

7. (Withdrawn and Currently Amended) The composition of claim 5 wherein said exfoliated, platelet-type nanoclay nanocomposite is at least about 20 nm in length, at least about 20 nm in width and has a thickness of at least about 1 nm.

8. (Canceled)

9. (Previously Presented) The composition of claim 1 wherein said crystallizable polyamide (ii) comprises a crystallizable polyamide having a repeating unit structure which comprises:

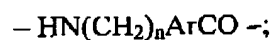


wherein  $n = 1$  to  $3$ ; wherein  $Ar$  = an arylene group; and wherein  $Z$  = an alkylene group of  $C_4$  to  $C_8$  or an arylene group of  $C_6$  to  $C_{14}$ .

10. (Previously Presented) The composition of claim 9 wherein said crystallizable polyamide (ii) is selected from the group consisting of PA-poly(meta-xylylene adipamide), PA-poly(meta-xylylene adipamide)/poly(para-xylylene adipamide) copolymer, PA-poly(metaxylene diamine terephthalamide) and PA-poly(metaxylene diamine terephthalamide)/poly(meta-xylylene adipamide) copolymer.

11-12. (Canceled)

13. (Previously Presented) The composition of claim 1 wherein said crystallizable polyamide (ii) comprises a crystallizable polyamide having a repeating unit structure which comprises:



wherein  $n = 1$  to  $3$ ; and wherein  $Ar$  = an arylene group.

14. (Previously Presented) The composition of claim 13 wherein said crystallizable polyamide (ii) is selected from the group consisting of poly(m-aminomethyl benzoic) acid and poly(2-aminomethyl, 6-naphthoic acid).

15. (Previously Presented) The composition of claim 1 wherein said crystallizable polyamide (ii) comprises a crystallizable polyamide having a repeating unit structure which comprises a combination of I and III.

16. (Original) The composition of claim 1 wherein said semi-aromatic, amorphous polyamide comprises a semi-aromatic, amorphous polyamide having a repeat unit structure of:



wherein  $n = 4$  to  $10$  and  $\text{Ar}$  = a substituted or unsubstituted arylene group.

17. (Previously Presented) The composition of claim 1 wherein said semi-aromatic, amorphous polyamide comprises a polyamide selected from the group consisting of PA-poly(hexamethylene isophthalamide)/poly(hexamethylene terephthalamide) copolymer, PA-poly(hexamethylene isophthalamide), PA-polycaprolactam/poly(metaxylene diamine isophthalamide) copolymer, PA-polycaprolactam/poly(metaxylene diamine terephthalamide) copolymer and PA-poly(tolylene diisophthalamide).

18. (Previously Presented) The composition of claim 1 wherein said polyamide composition comprises from about 5 to 90 percent by weight of (i), from about 5 to about 90 percent by weight of (ii), and from about 5 to about 90 percent by weight of (iii) based on the total weight of the polyamide composition.

19. (Canceled)

20. (Previously Presented) The composition of claim 1 wherein said aliphatic, crystallizable polyamide homopolymer or polyamide copolymer comprises nylon 6.

21. (Previously Presented) The composition of claim 1 wherein said crystallizable polyamide (ii) comprises PA-poly(meta-xylylene adipamide).

22. (Previously Presented) The composition of claim 1 wherein said semi-aromatic, amorphous polyamide comprises PA-poly(hexamethylene isophthalamide)/poly(hexamethylene terephthalamide) copolymer.

23. (Previously Presented) The composition of claim 1 wherein said aliphatic, crystallizable polyamide homopolymer or copolymer (i) comprises nylon 6; said crystallizable polyamide (ii) comprises PA-poly(meta-xylylene adipamide); and said semi-aromatic, amorphous polyamide (iii) comprises PA-poly(hexamethylene isophthalamide)/poly(hexamethylene terephthalamide) copolymer.

24. (Withdrawn and Currently Amended) A multilayer film which comprises:  
 a) at least one polyamide composition layer ~~comprising~~ consisting essentially of a slow crystallizing blend of (i) an aliphatic, crystallizable polyamide homopolymer, ~~polyamide or copolymer or polyamide nanocomposite nanoclay~~; (ii) a semi-aromatic, crystallizable polyamide having a repeating unit structure which consists essentially of either  
I)  $\text{HN}(\text{CH}_2)_n\text{Ar}(\text{CH}_2)_n\text{NHCO-Z-CO-}$ ; or III)  $\text{HN}(\text{CH}_2)_n\text{ArCO-}$ ; or a combination thereof; wherein  $n = 1$  to  $3$ ; wherein Ar = an arylene group; and wherein Z = an alkylene group of  $\text{C}_4$  to  $\text{C}_8$  or an arylene group of  $\text{C}_6$  to  $\text{C}_{14}$ ; or consists essentially of II) PA-poly(hexamethylene

terephthalamide)/poly(hexamethylene adipamide) copolymer, PA-  
poly(hexamethylene terephthalamide)/polycaprolactam copolymer or PA-  
caprolactam-naphthalene dicarboxylic acid copolyamide/poly(hexamethylene  
adipamide) copolymer; and

(iii) a semi-aromatic, amorphous polyamide; and

b) at least one thermoplastic polymer layer on one or both sides of said at least one polyamide composition layer.

25. (Withdrawn) The multilayer film of claim 24 wherein said thermoplastic polymer comprises polyethylene terephthalate.

26. (Withdrawn) The multilayer film of claim 24 wherein said thermoplastic polymer comprises a polyolefin or polyester.

27. (Withdrawn) The multilayer film of claim 24 wherein said aliphatic, crystallizable polyamide homopolymer or copolymer comprises nylon 6 or nylon 6 nanocomposite.

28. (Withdrawn and Currently Amended) The multilayer film of claim 24 wherein said ~~semi-aromatic~~, crystallizable polyamide comprises PA-MXD6.

29. (Withdrawn) The multilayer film of claim 24 wherein said semi-aromatic, amorphous polyamide comprises PA-6I/6T.

30. (Withdrawn and Currently Amended) The multilayer film of claim 24 wherein said aliphatic, crystallizable polyamide homopolymer or copolymer comprises nylon 6 or nylon 6 nanocomposite; said ~~semi-aromatic~~, crystallizable

polyamide comprises PA-MXD6; and said semi-aromatic, amorphous polyamide comprises PA-6I/6T.

31. (Withdrawn and Currently Amended) The multilayer film of claim 24 wherein said layered ~~nanolayer~~nanocomposite comprises montmorillonite.

32. (Withdrawn) The multilayer film of claim 24 wherein said thermoplastic polymer layer and said at least one polyamide composition layer are attached to one another by coextrusion, lamination or coinjection.

33. (Withdrawn) The multilayer film of claim 24 comprising a thermoplastic polymer layer on both sides of said at least one polyamide composition layer.

34. (Withdrawn and Currently Amended) The multilayer film of claim 24 wherein said aliphatic, crystallizable polyamide homopolymer or copolymer comprises nylon 6 or nylon 6 nanocomposite; said ~~semi-aromatic~~, crystallizable polyamide comprises PA-MXD6; said semi-aromatic, amorphous polyamide comprises PA-6I/6T; and said thermoplastic polymer layer comprises polyethylene terephthalate.

35. (Withdrawn) The multilayered film of claim 24 which has an oxygen transmission rate of about 2 cc.mil/100 in<sup>2</sup>/day or less.

36. (Withdrawn) The multilayered film of claim 24 which has a carbon dioxide (CO<sub>2</sub>) transmission rate of less than about 10 cc.mil/100in<sup>2</sup>/ day at 80 % relative humidity in air.

37. (Withdrawn) An article formed from the multilayered film of claim 24.

38. (Withdrawn) The article of claim 37 which is a bottle.

39. (Withdrawn and Currently Amended) A process for producing a multilayer article which comprises:

- (a) melting a polyamide blend ~~comprising~~ consisting essentially of a slow crystallizing blend of (i) an aliphatic, crystallizable polyamide homopolymer, polyamide or copolymer, or polyamide nanocompositenanoclay; (ii) a ~~semi-aromatic~~, crystallizable polyamide having a repeating unit structure which consists essentially of either I) – HN(CH<sub>2</sub>)<sub>n</sub>Ar(CH<sub>2</sub>)<sub>n</sub>NHCO-Z-CO – ; or III) – HN(CH<sub>2</sub>)<sub>m</sub>ArCO – ; or a combination thereof; wherein n = 1 to 3; wherein Ar = an arylene group; and wherein Z = an alkylene group of C<sub>4</sub> to C<sub>8</sub> or an arylene group of C<sub>6</sub> to C<sub>14</sub>; or consists essentially of II) PA-poly(hexamethylene terephthalamide)/poly(hexamethylene adipamide) copolymer, PA-poly(hexamethylene terephthalamide)/polycaprolactam copolymer or PA-caprolactam-naphthalene dicarboxylic acid copolyamide/poly(hexamethylene adipamide) copolymer; and (iii) a semi-aromatic, amorphous polyamide;
- (b) separately melting a thermoplastic polymer;
- (c) coextruding, casting, blowing, thermoforming, blow molding or co-injecting the polyamide blend and thermoplastic polymer composition into a multilayer article; and
- (d) cooling the article.

40. (Withdrawn) The process of claim 39 wherein said article is in the form of a film, a bottle or a container.



41. (Withdrawn) The process of claim 39 wherein said article is a film which is subsequently oriented.

42. (Withdrawn and Currently Amended) A process for producing a multilayer article which comprises:

- (a) melting a polyamide blend ~~comprising~~ consisting essentially of a slow crystallizing blend of (i) an aliphatic, crystallizable polyamide homopolymer, polyamide or copolymer, or polyamide nanocompositenanoclay; (ii) a semi-aromatic, crystallizable polyamide having a repeating unit structure which consists essentially of either I)  $-IIN(CH_2)_nAr(CH_2)_nNHCO-Z-CO-$ ; or III)  $-IIN(CH_2)_nArCO-$ ; or a combination thereof; wherein  $n = 1$  to  $3$ ; wherein  $Ar$  = an arylene group; and whercin  $Z$  = an alkylene group of  $C_4$  to  $C_8$  or an arylene group of  $C_6$  to  $C_{14}$ , or consists essentially of II) PA-poly(hexamethyleneterephthalamide)/poly(hexamethylen adipamide) copolymer, PA-poly(hexamethylene terephthalamide)/polycaprolactam copolymer or PA-caprolactam-naphthalene dicarboxylic acid copolyamide/poly(hexamethylene adipamide) copolymer; and (iii) a semi-aromatic, amorphous polyamide;
- (b) separately melting a thermoplastic polymer;
- (c) co-injecting molding the mixture and thermoplastic polymer composition into a multilayer pre-form;
- (d) reheating the pre-form; and
- (e) blow molding the pre-form into a multilayer article.